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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/707,648

12/30/2003

Yen-Lin Wang

9705-US-PA

1647

31561

7590

01/24/2006

JIANQ CHYUN INTELLECTUAL PROPERTY OFFICE

7 FLOOR-1, NO. 100

ROOSEVELT ROAD, SECTION 2

TAIPEI, 100

TAIWAN

EXAMINER

NGUYEN, TU T

ART UNIT

PAPER NUMBER

2877

DATE MAILED: 01/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

H.F.

Office Action Summary	Application No.	Applicant(s)	
	10/707,648	WANG ET AL.	
	Examiner	Art Unit	
	Tu T. Nguyen	2877	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5, 7-12 and 14-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 16-18 is/are allowed.
- 6) ☒ Claim(s) 1-5 and 9-12 is/are rejected.
- 7) ☒ Claim(s) 7, 8, 14 and 15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-5,9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant Admitted Prior Art (specification, paragraphs [0004] – [0007]) (AAPA hereinafter) in view of Castore et al (5,712,706).

With respect to claim 1, AAPA discloses an apparatus for measuring optoelectric properties of an OLED. The apparatus comprises: manually rotating the OLED and manually moving the detectors (specification, paragraphs [0004] – [0007]).

AAPA does not disclose a platform, a goniometer, a photo-detector disposed on the three-axis moving device. Castore discloses a non-contact measurement device. The device comprises: a platform 140 (fig 2), a goniometer 120 (fig 2) disposed on one side of the platform (fig 2), wherein a test object 110 (fig 2) is attached to the goniometer; a three-axis moving device 180 (fig 2) disposed on another side of the platform; a photo-detector 100 (fig 2) disposed on the three-axis moving device 180 (fig 2), wherein the photo-detector is oriented in a direction toward the test object 110 (fig 2) on the goniometer; and a computer 220 (fig 2) linked to the goniometer, the three-axis moving device and the photo-detector (column 4, lines 65-67). It would have been

obvious to modify AAPA with the non-contact measurement device as taught by Casore for rapidly and precisely measuring as taught by Castore in column 1, lines 10-15).

With respect to claims 2,10, Castore discloses stages 120, 122 (fig 2) for rotating the object to any degree of freedom (column 5, lines 26-35).

With respect to claims 3,11, Castore discloses the claimed three-axis moving device (fig 2).

With respect to claims 4,12, Castore does not explicitly disclose using the computer 220 (fig 2) for recording of measurement data. However, it would have been obvious to modify Castore's computer to control the movement of the parts and also for recording the measurement data as claimed to facilitate the measurement.

With respect to claim 5, it would have been obvious to modify Castore with the claimed photo-detector for detecting different characteristics of the OLED.

With respect to claim 9, refer to discussion in claim 1 above for the system and refer to discussion in claim 5 above for the brightness detector.

Allowable Subject Matter

Claims 16-18 are allowed.

Claims 7-8,14-15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 16-18 are allowed and claims 7-8,14-15 are objected for reasons of arguments presented (pages 9-10) by the applicant in the amendment letter received on 11/14/2005.

Response to Arguments

Applicant's arguments filed on 11/14/2005 have been fully considered but they are not persuasive.

With respect Applicant's argument about controlling the OLED with a power supply (page 9), the claims 1,9 do not disclose the argued limitations.

With respect to Applicant's argument about the tilted and rotated goniometer (page 10), Castro's goniometer could be tilted or rotated according to the rotating arrows in fig 3. Further, Castro discloses that additional rotating degree of freedom could be implemented by adding additional rotation motion stage (column 5, lines 25-35).

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tu T. Nguyen whose telephone number is (571) 272-2424. The examiner can normally be reached on T-F 7:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Toatley Jr. can be reached on (571) 272-2800 Ext. 77. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tu T. Nguyen
Primary Examiner
Art Unit 2877

01/21/2006